

**Holmes, Debi**

**From:** Stone, Christopher  
**Sent:** Thursday, June 19, 2008 5:19 PM  
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**Cc:** Cadena, Diego; Holmes, Debi; Updyke, Erik; Frary, Matthew  
**Subject:** August 12 Board Meeting - Seawater Barriers -Cathodic Protection Phase 2  
**Importance:** High

At the August 12, 2008 Board meeting, Public Works will be recommending Board approval for the following:

- (1) Find that this project is exempt from the provision of the California Environmental Quality Act pursuant to Section 15301 (b) of the Guidelines.
- (2) Approve the project and adopt the plans and specification at an estimated cost of \$2,020,000. Sufficient funds are available in the Flood Control District Budget for the project.
- (3) Advertise the project for construction.

The purpose of the recommended actions is to increase the life of the water supply pipelines for certain segments of Public Works' three seawater barriers (Alamitos, Dominguez Gap, and West Coast Basin). The seawater barriers are a series of injection wells where fresh water is injected into the ground water aquifers to create a barrier that prevents the seawater from intruding and contaminating the aquifer. The cathodic protection project will minimize corrosion of the steel waterlines that supply water to the injection wells by directing corrosion forces away from the pipelines and towards sacrificial anodes periodically installed along the pipelines.

Please note that this project includes work in the Cities of Long Beach, Carson, and Los Angeles. The cities have approved the traffic control plans and the signed the design documents.

We will return to your Board to award the construction contract.

Please note that a similar cathodic protection construction project along other stretches of barrier pipelines was awarded by your Board on June 19, 2007.

Please let me know if you have any questions. Thanks.

Chris